9051 Mira Mesa Blvd, #910094
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AP1S2 Human

Adaptor-Related Protein Complex 1, Sigma 2 Human Recombinant
RCP0079

Product Overview

Name	AP1S2 Human

Description

Adaptor-Related Protein Complex 1, Sigma 2 Human Recombinant

Accession (Primary)	P56377

Synonyms

Adaptor-related protein complex 1 sigma 2 subunit, SIGMA1B, Adaptor protein complex AP-1 sigma-1B subunit, Clathrin assembly protein complex 1 sigma-1B small chain, Golgi adaptor HA1/AP1 adaptin sigma-1B subunit, Sigma 1B subunit of AP-1 clathrin, MRX59, mental retardation X-linked 59, MGC:1902, AP-1 complex subunit sigma-2, golgi adaptor HA1/AP1 adaptin sigma 1B subunit.

Introduction

AP1S2 belongs to the adaptin protein family and functions as the small subunit of AP-1 complex 1 which is found in the cytoplasmic face of coated vesicles placed at the Golgi complex. AP-1 complex 1 facilitates both the necessity of clathrin to the membrane and the identification of organizing signals within the cytosolic tails of transmembrane receptors.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

AP1S2 protein solution (0.5mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.1M NaCl and 2mM DTT.

Stability

AP1S2 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MQFMLLFSRQ GKLRLQKWYV PLSDKEKKKI TRELVQTVLA RKPKMCSFLE WRDLKIVYKR YASLYFCCAI EDQDNELITL EIIHRYVELL DKYFGSVCEL DIIFNFEKAY FILDEFLLGG EVQETSKKNV

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LKAIEQADLL QEEAETPRSV LEEIGLT

Precautions

AP1S2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P56377)